

Fig. 1A

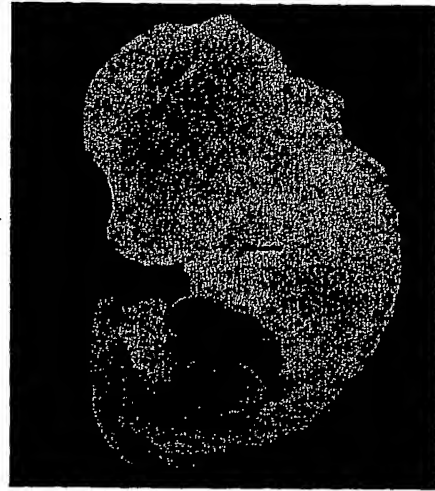


Fig. 1B

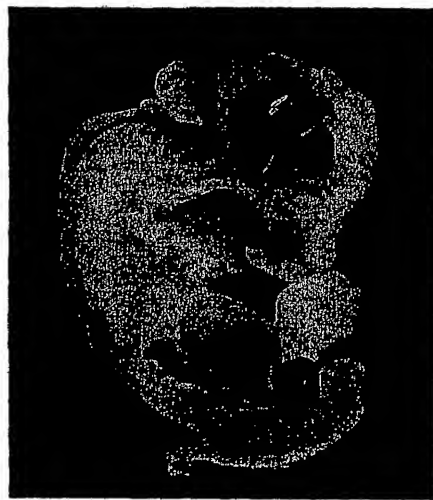


Fig. 1C

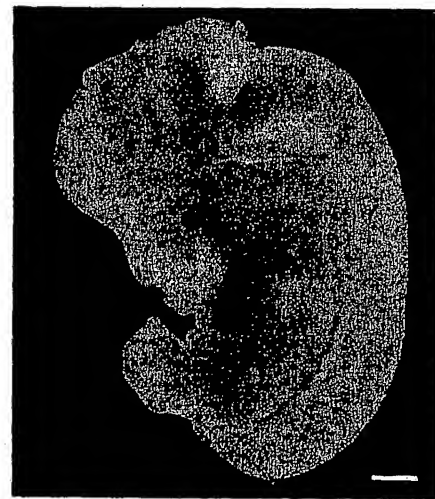


Fig. 1D

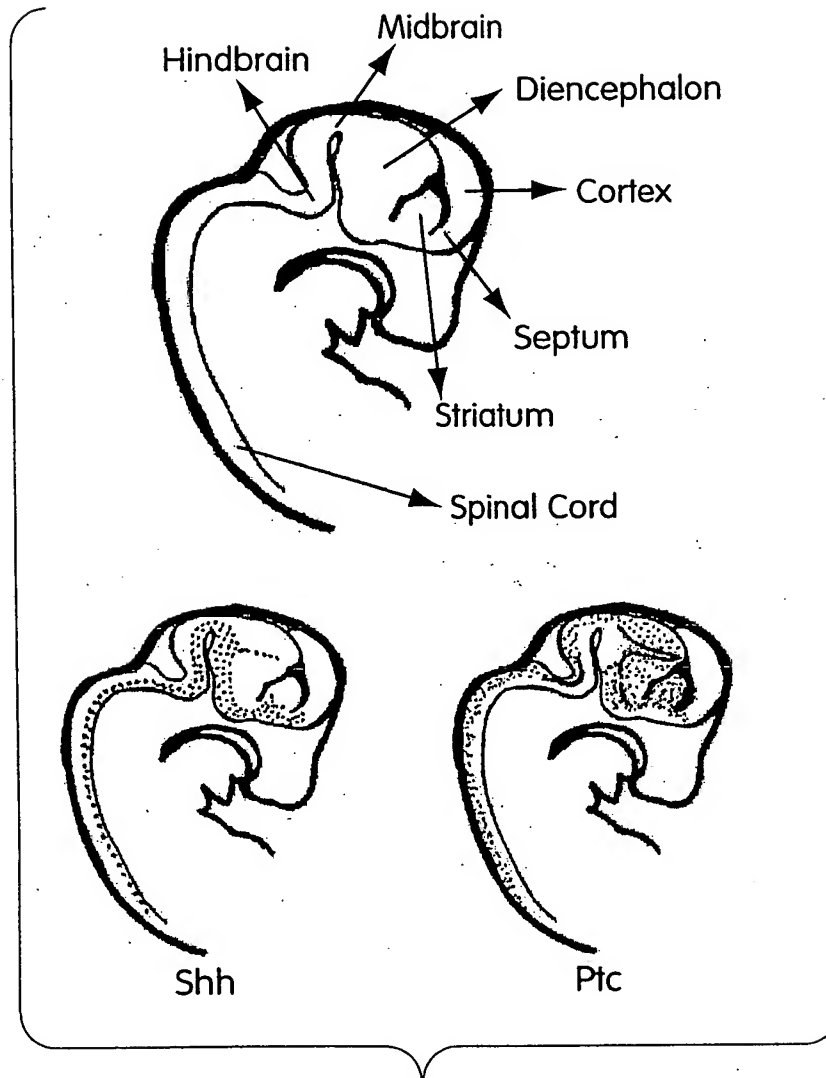


Fig. 1E

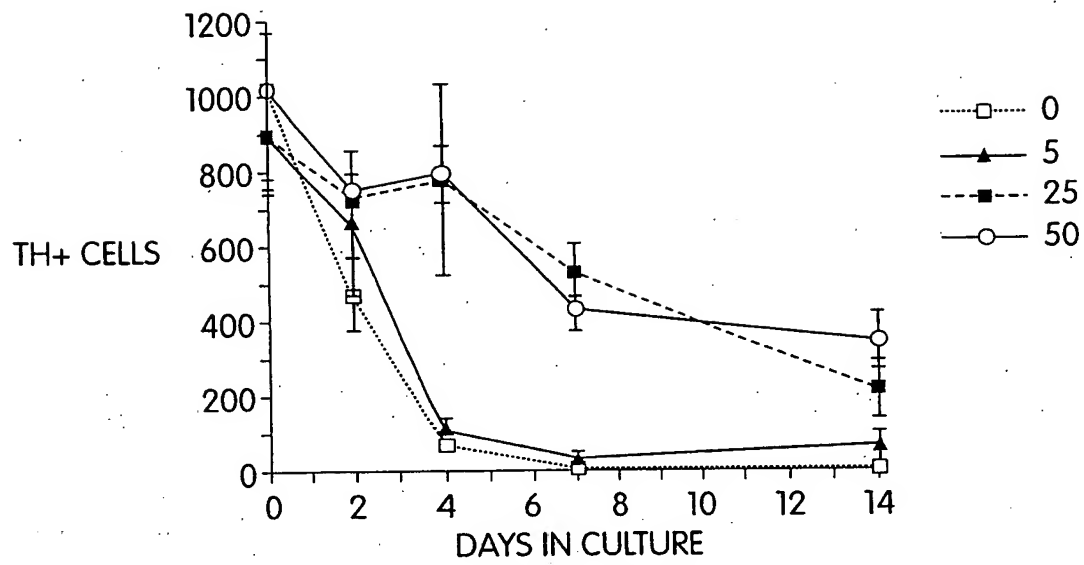


Fig. 2A

Fig. 2B

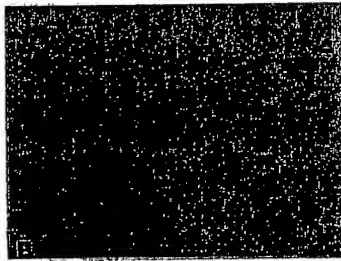


Fig. 2C

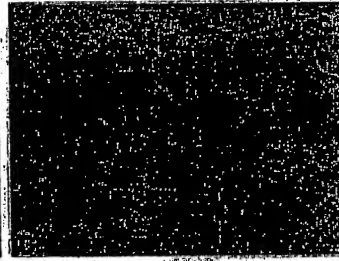


Fig. 2D

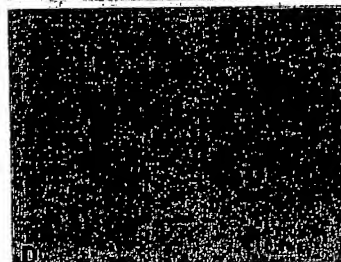
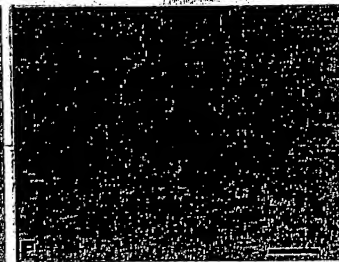


Fig. 2E



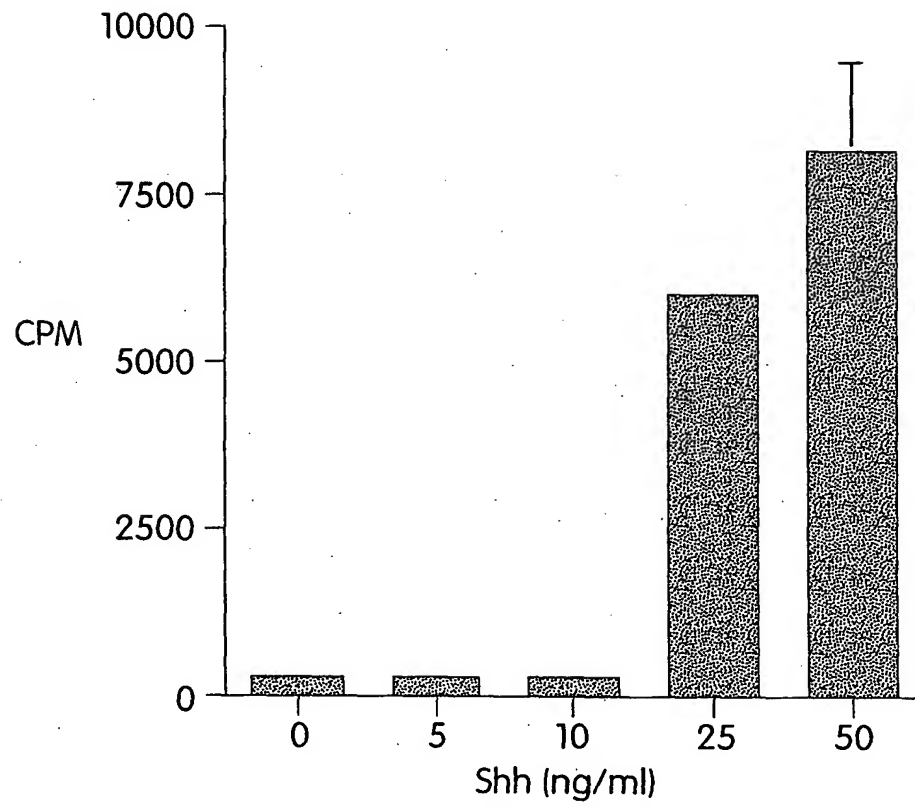


Fig. 3A

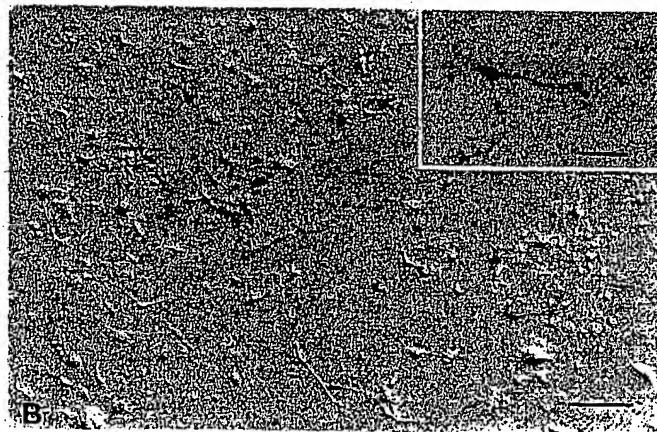


Fig. 3B

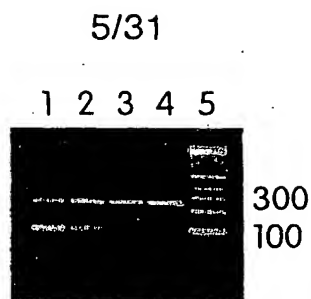


Fig. 4A

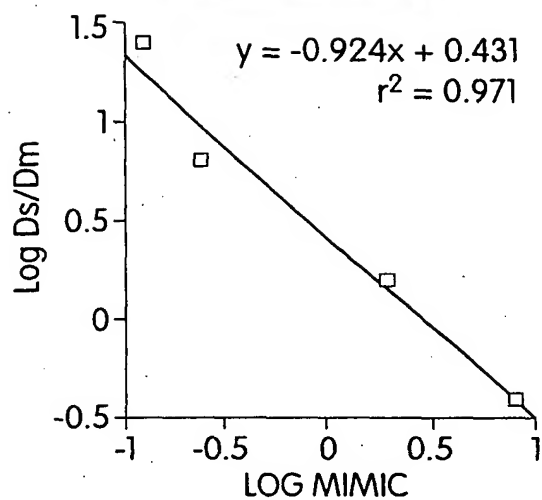


Fig. 4B

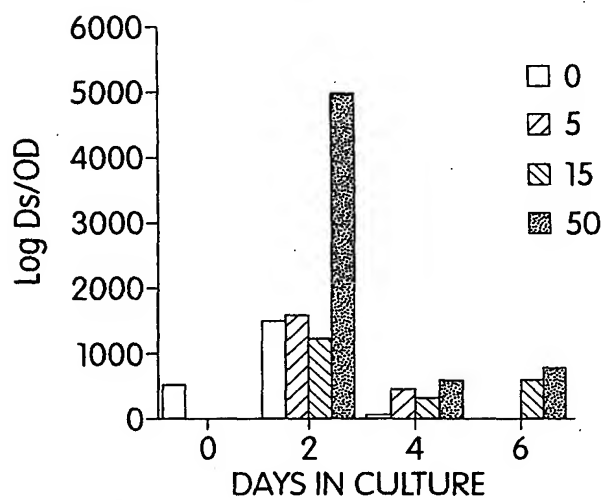


Fig. 4C

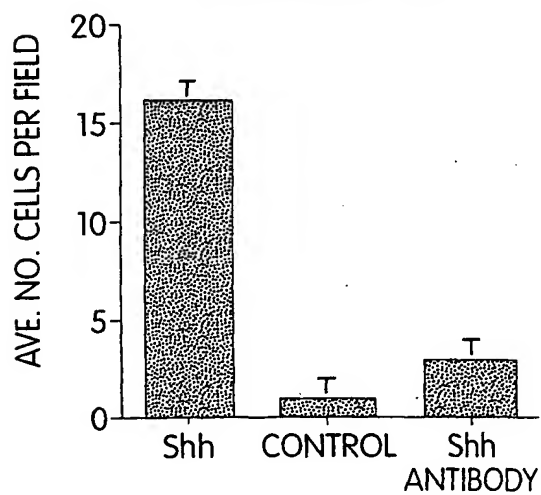


Fig. 4D

6/31

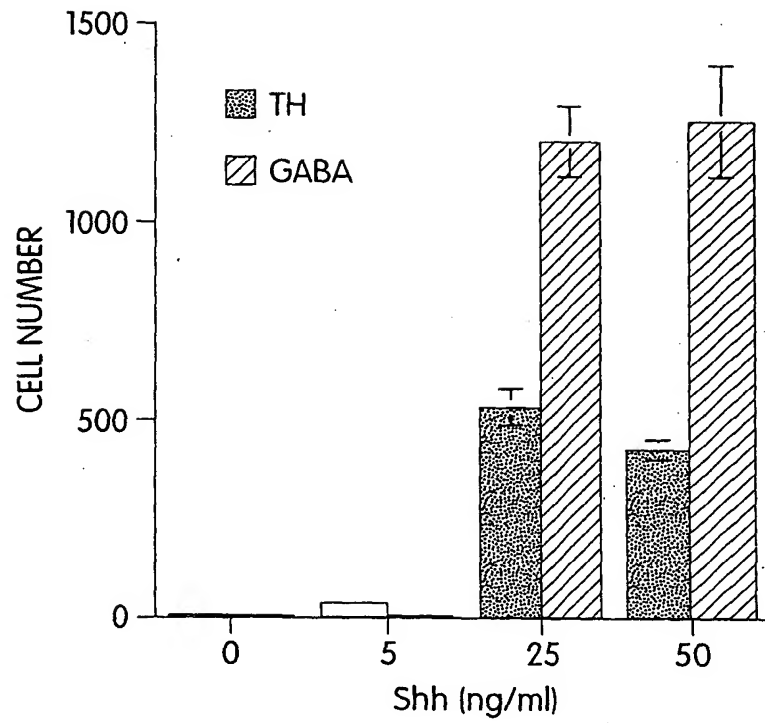


Fig. 5A



Fig. 5B

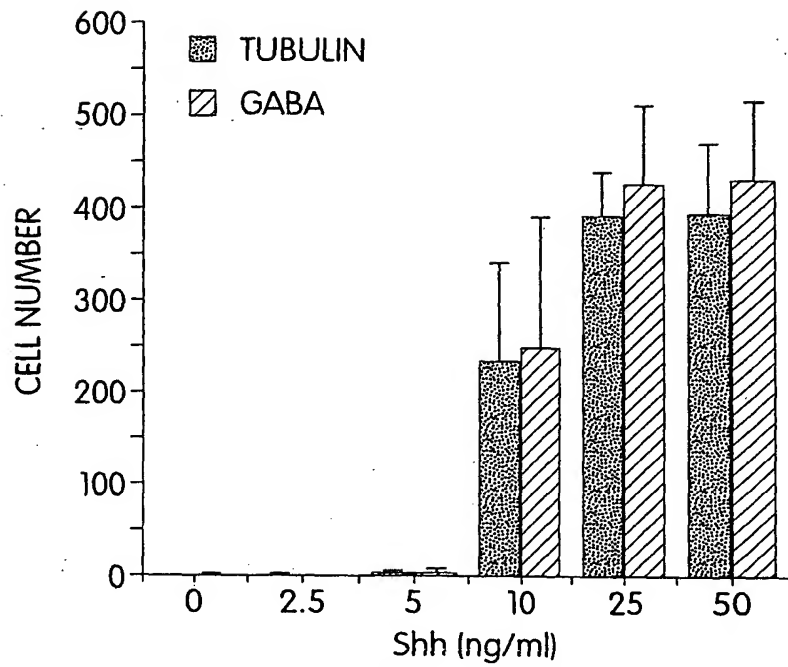


Fig. 6A

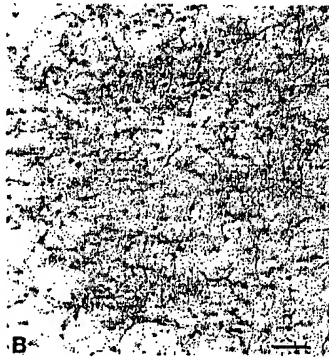


Fig. 6B

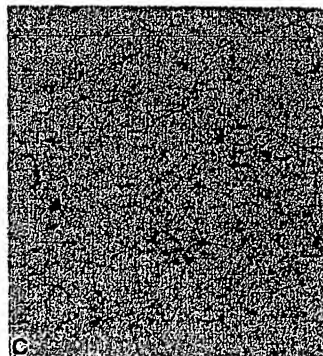


Fig. 6C

8/31

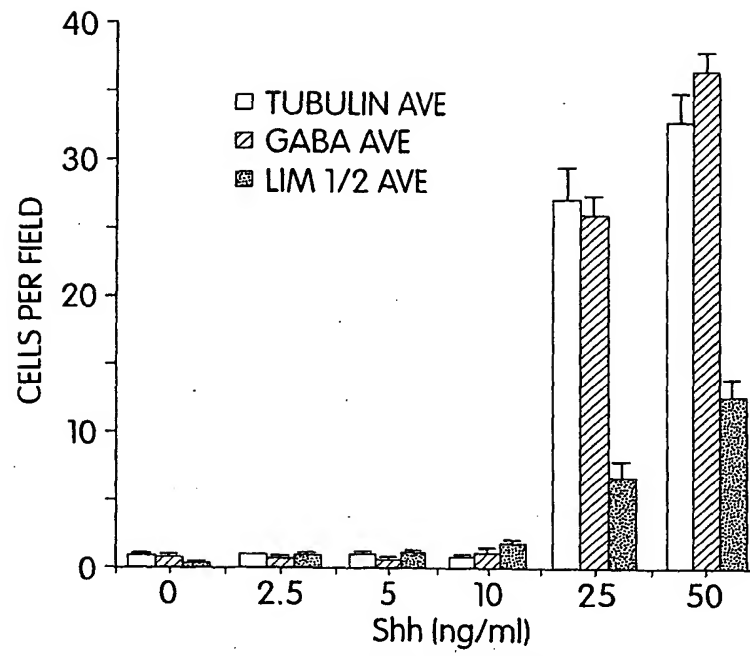


Fig. 7A

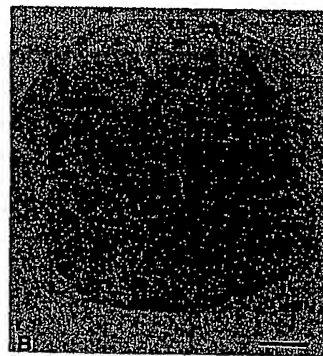


Fig. 7B

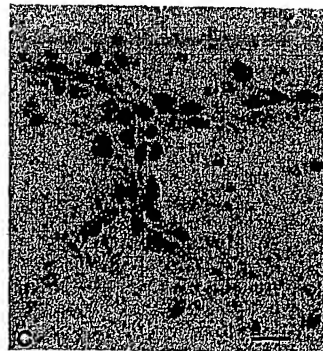


Fig. 7C

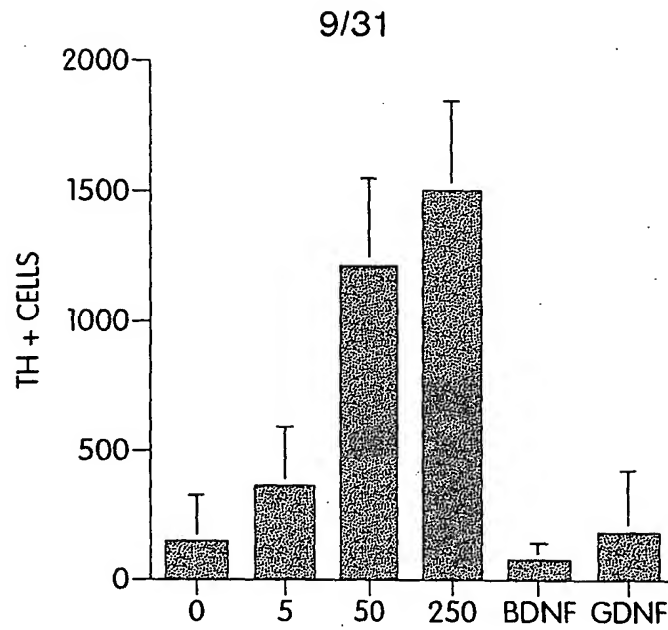


Fig. 8

% DECREASE IN ROTATIONS:
3 WEEKS POST-LESION vs. 3 WEEKS POST-Shh TREATMENT

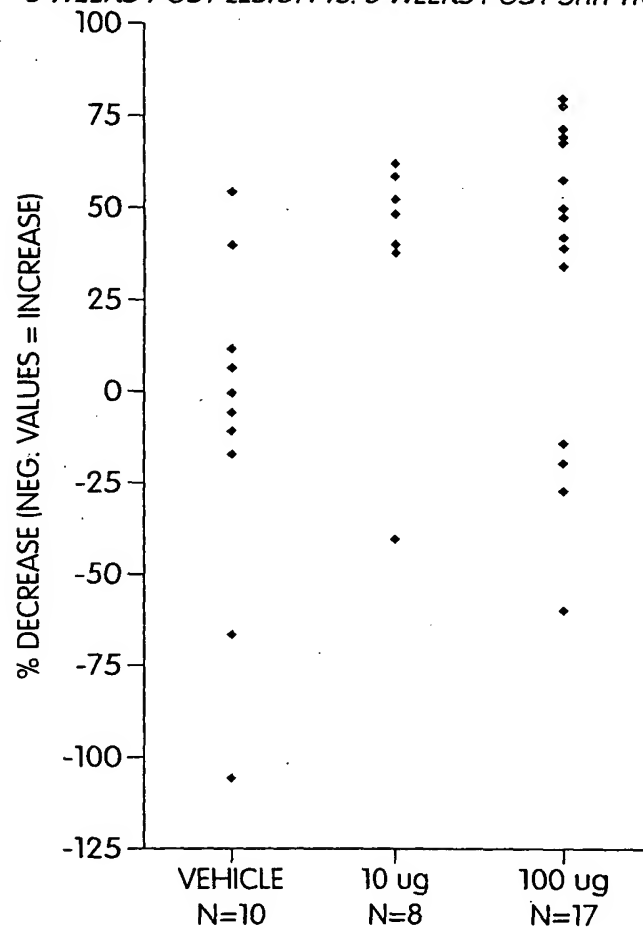


Fig. 9

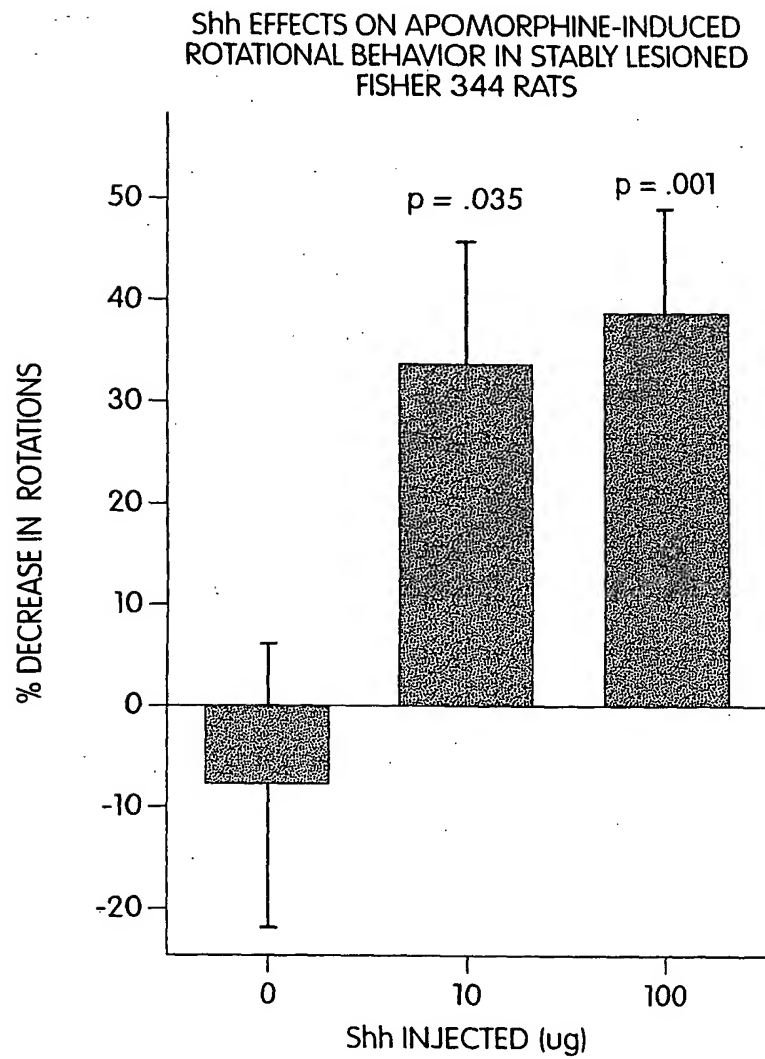


Fig. 10

11/31

EXPERIMENTS 1 AND 2 - DAY 4 AMPHETAMINE CHALLENGE

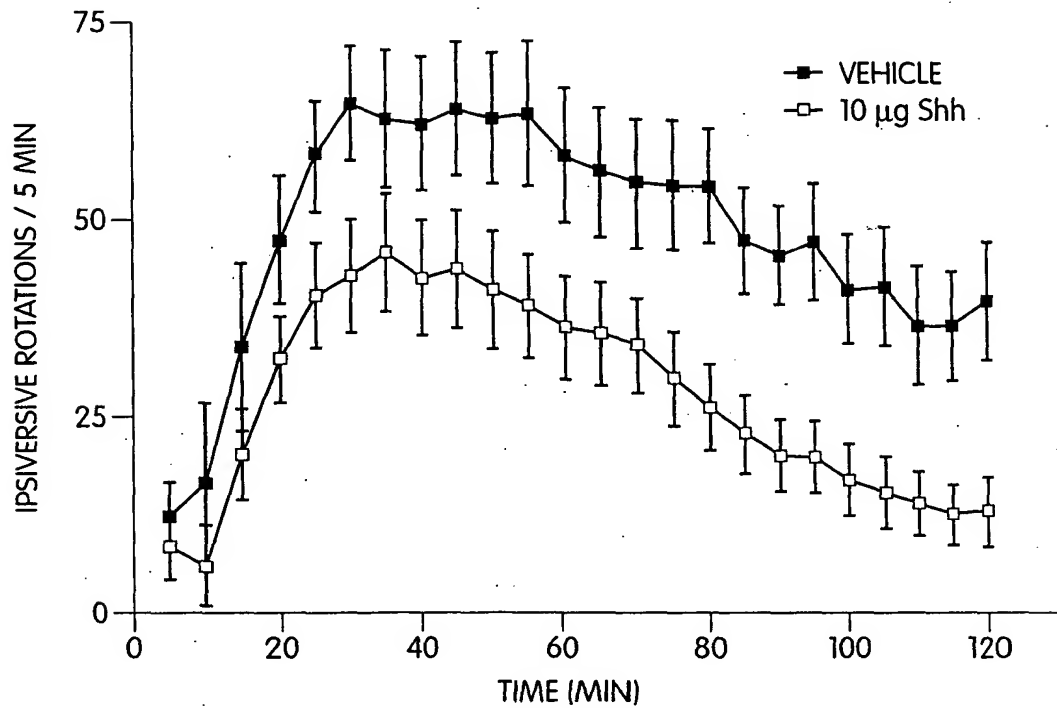


Fig. 11A

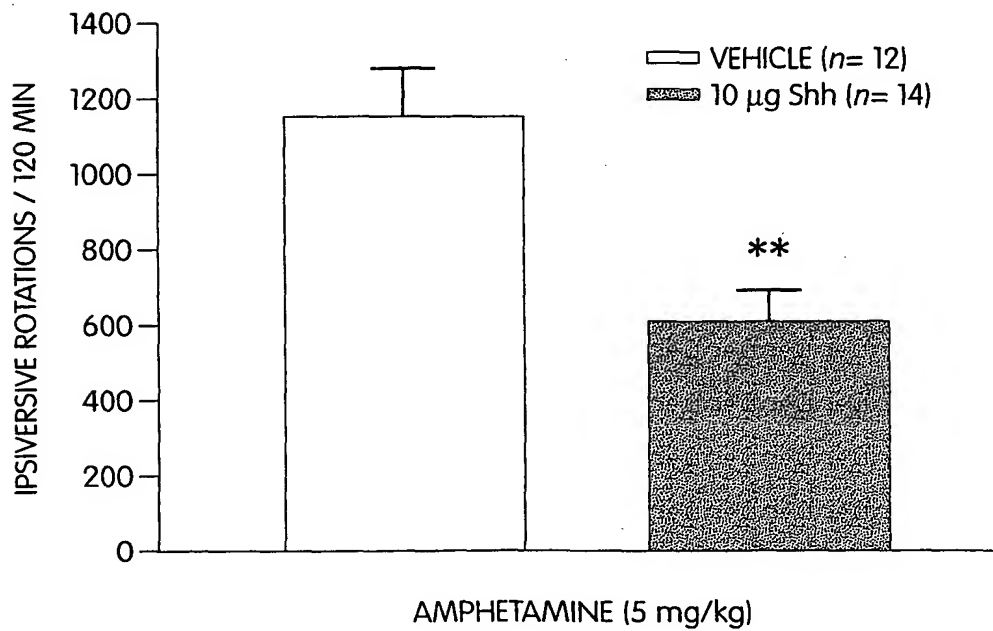


Fig. 11B

12/31

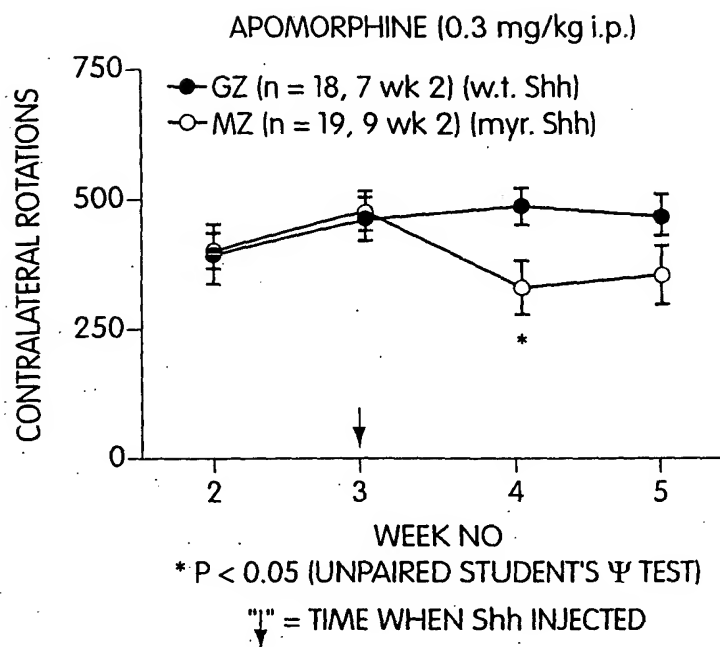


Fig. 12A

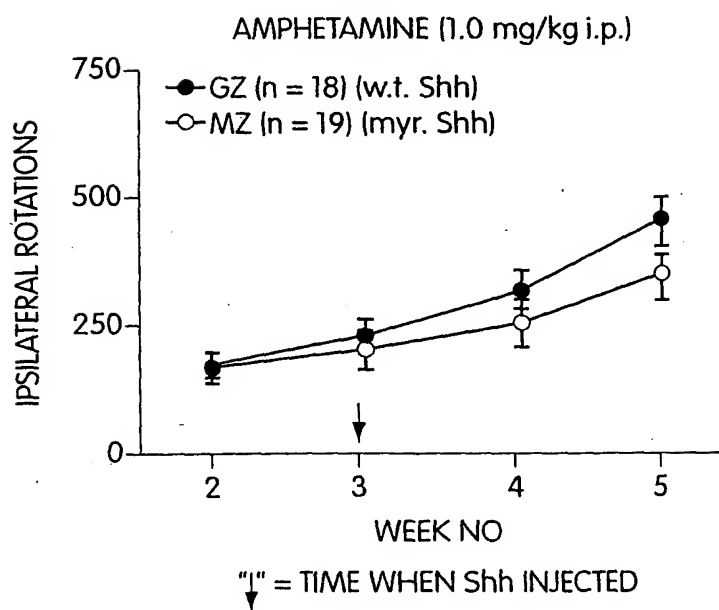
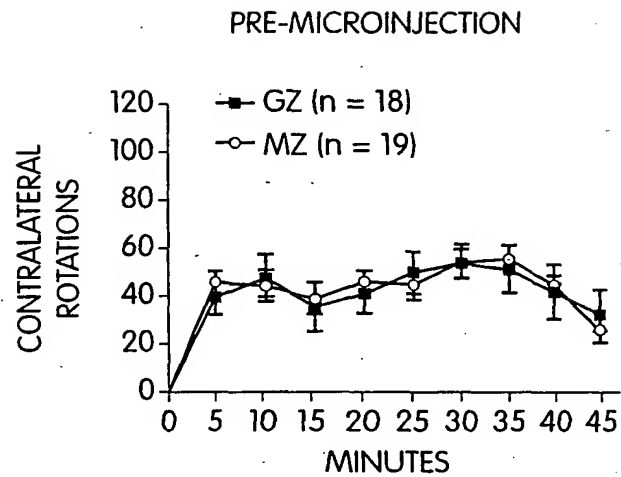
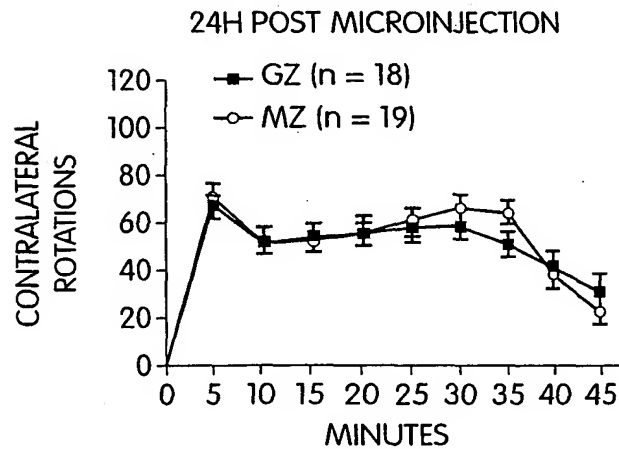


Fig. 12B



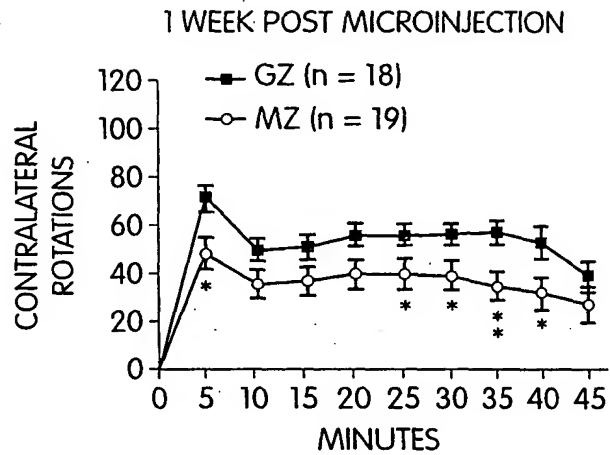
GZ TOTAL (45 MIN) CONTRALATERAL ROTATIONS = 397 ± 59
MZ TOTAL (45 MIN) CONTRALATERAL ROTATIONS = 404 ± 34

Fig. 13A



GZ TOTAL (45 MIN) CONTRALATERAL ROTATIONS = 465 ± 41
MZ TOTAL (45 MIN) CONTRALATERAL ROTATIONS = 479 ± 36

Fig. 13B

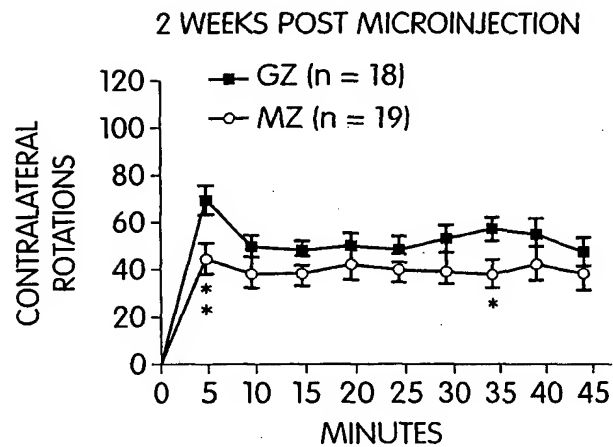


GZ TOTAL (45 MIN) CONTRALATERAL ROTATIONS = 489 ± 35

MZ TOTAL (45 MIN) CONTRALATERAL ROTATIONS = 334 ± 52

* $P < 0.05$, ** $P < 0.01$ (UNPAIRED STUDENTS Ψ TEST)

Fig. 13C



GZ TOTAL (45 MIN) CONTRALATERAL ROTATIONS = 472 ± 39

MZ TOTAL (45 MIN) CONTRALATERAL ROTATIONS = 359 ± 55

* $P < 0.05$, ** $P < 0.01$ (UNPAIRED STUDENTS Ψ TEST)

Fig. 13D

EXPERIMENT 4 - DAY 4 AMPHETAMINE CHALLENGE

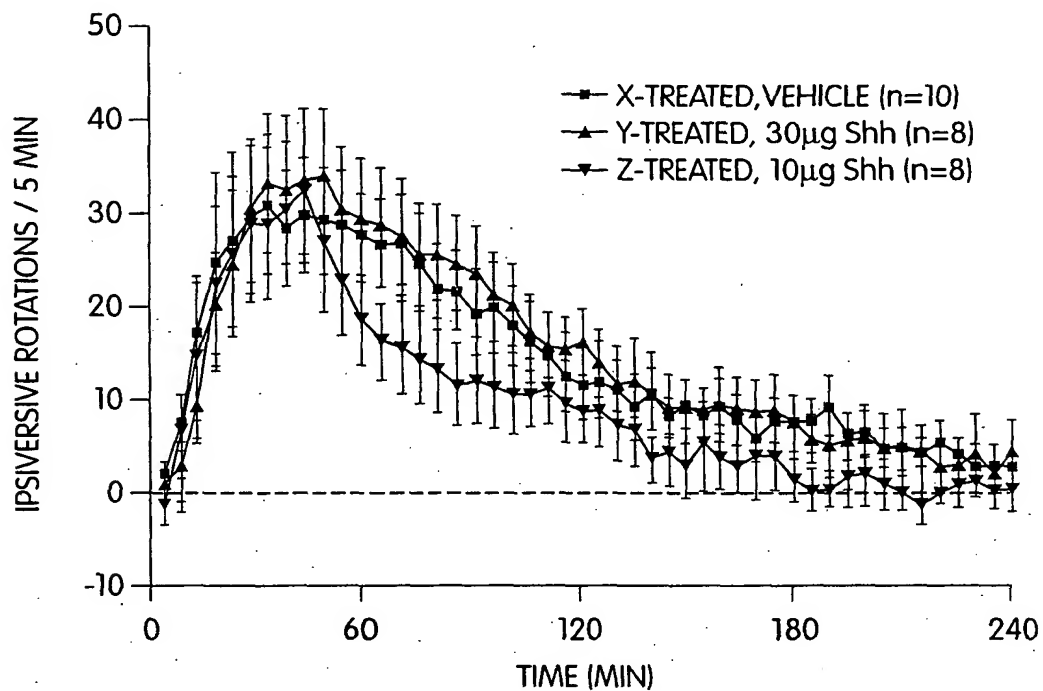


Fig. 14A-1

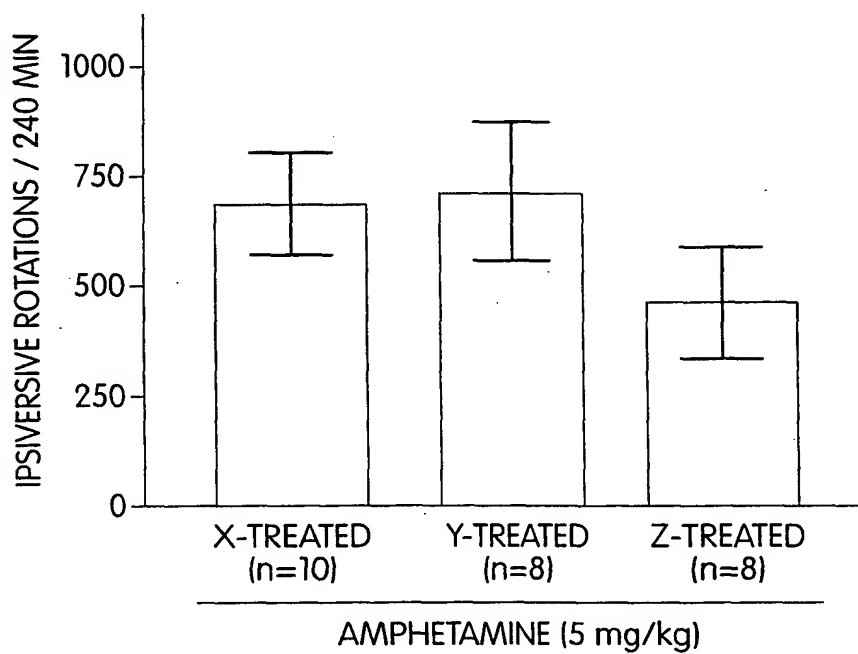


Fig. 14A-2

EXPERIMENT 4 - DAY 7 AMPHETAMINE CHALLENGE

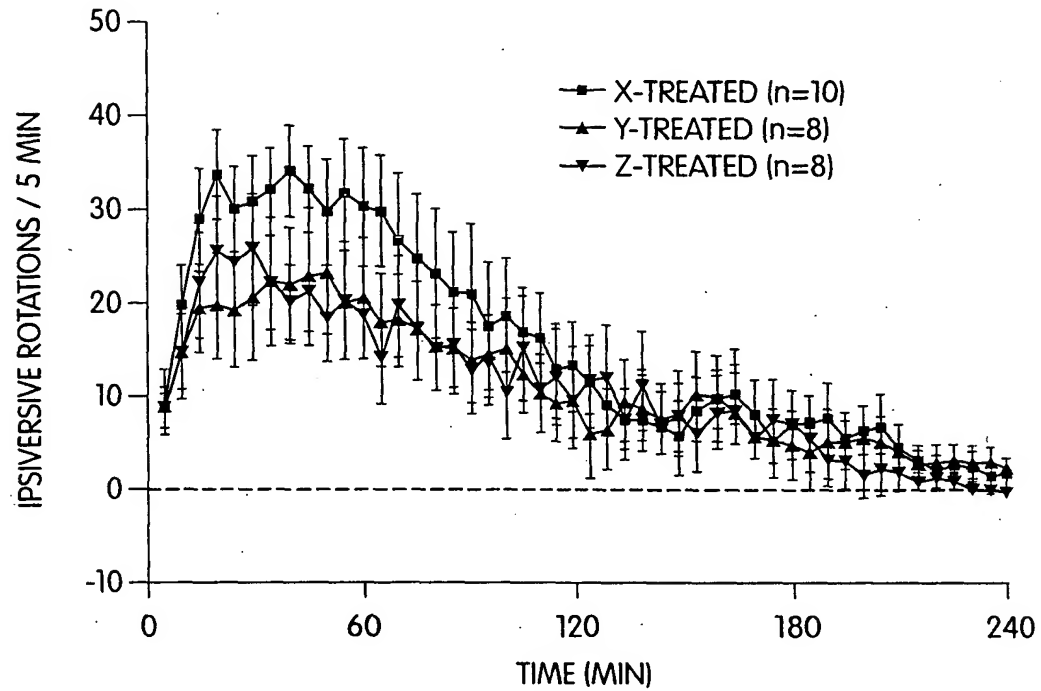


Fig. 14B-1

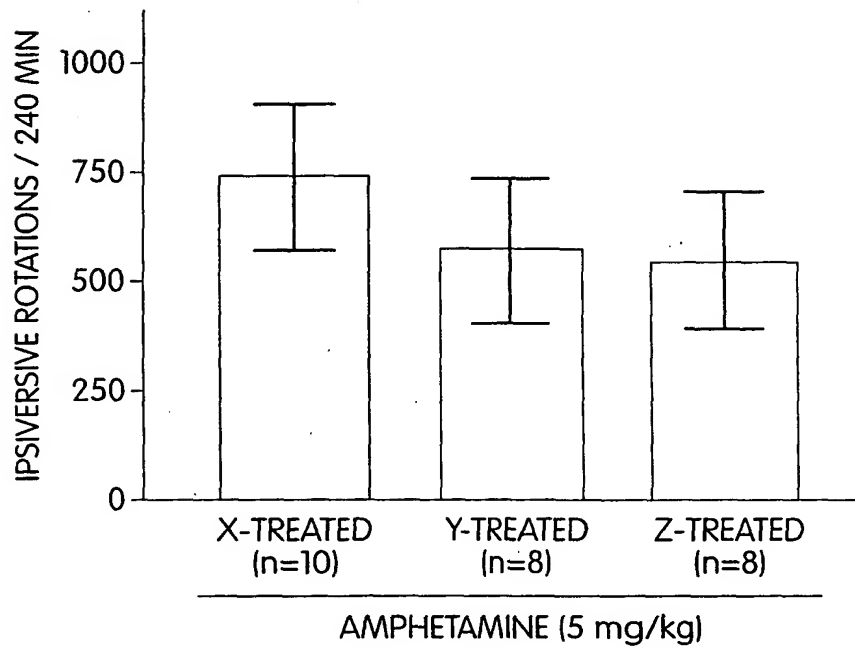


Fig. 14B-2

EXPERIMENT 4 - DAY 14 AMPHETAMINE CHALLENGE

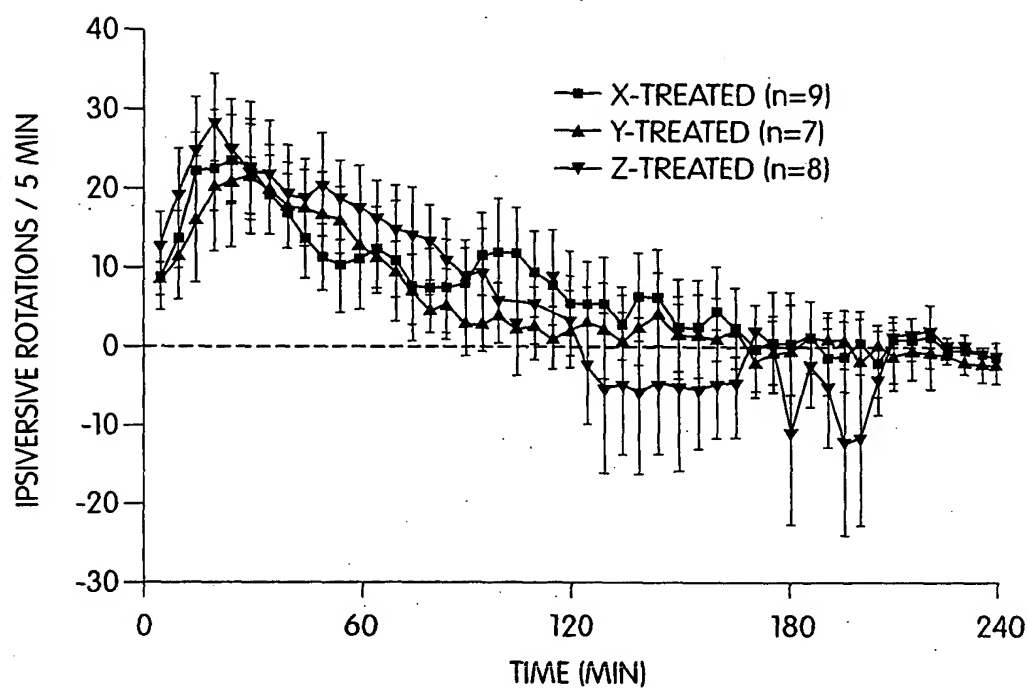


Fig. 14C-1

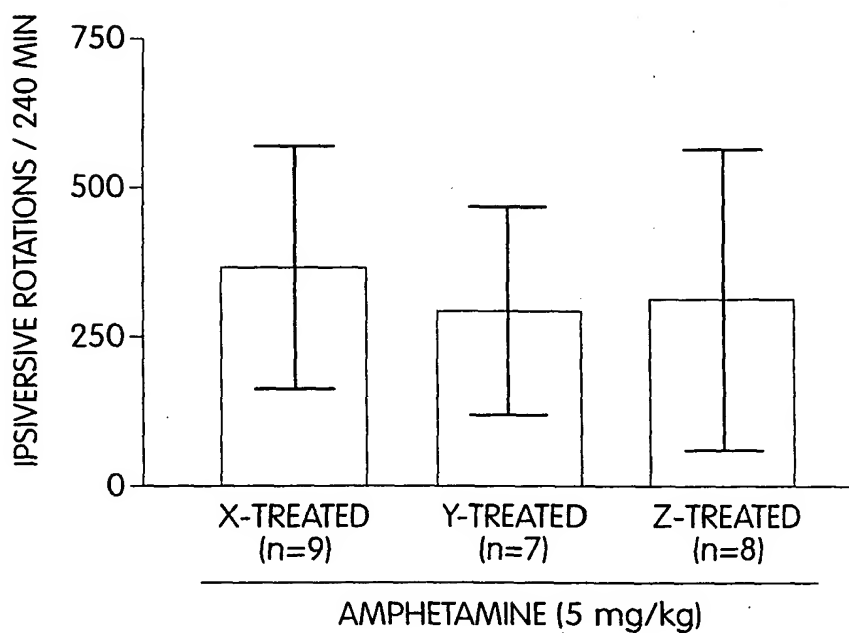


Fig. 14C-2

EXPERIMENT 4 - DAY 21 AMPHETAMINE CHALLENGE

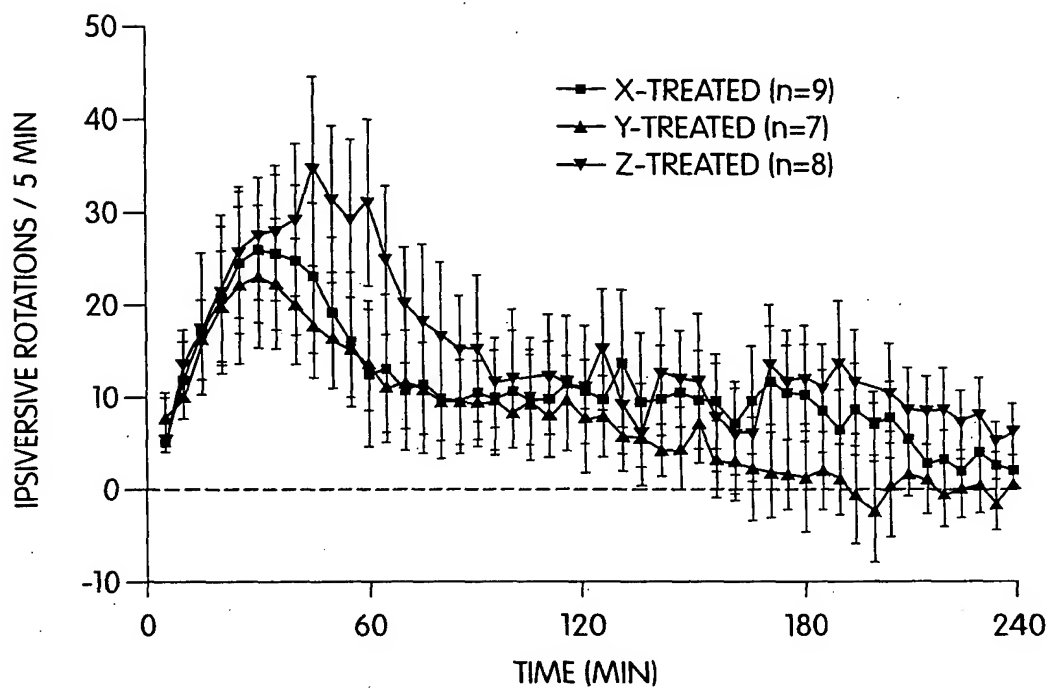


Fig. 14D-1

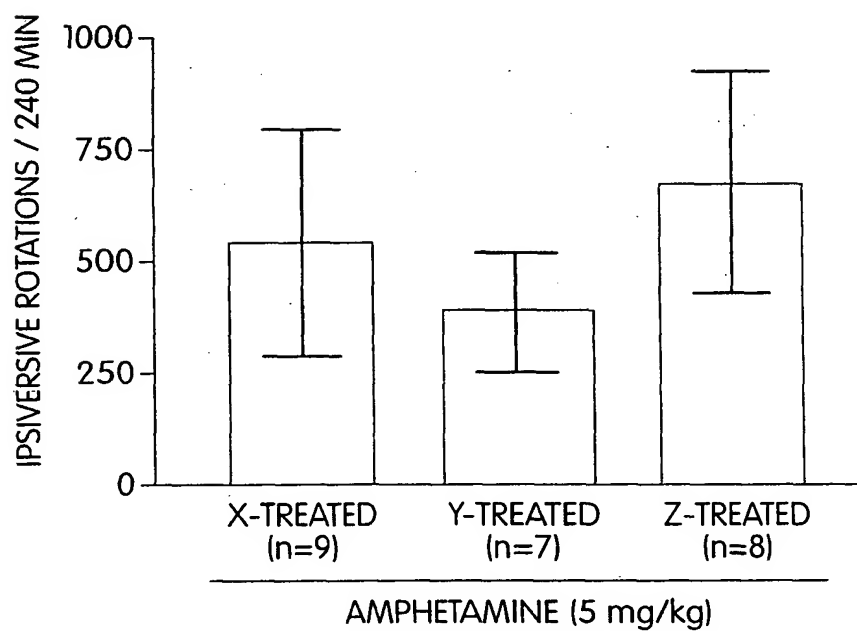


Fig. 14D-2

EXPERIMENT 4 - DAY 24 APOMORPHINE CHALLENGE

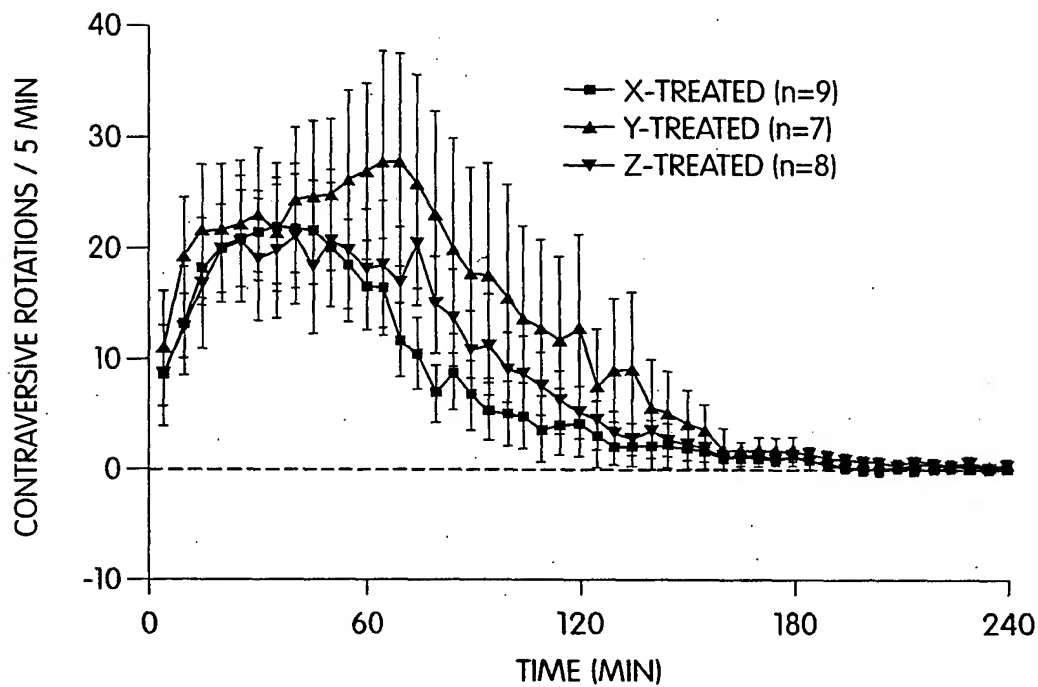
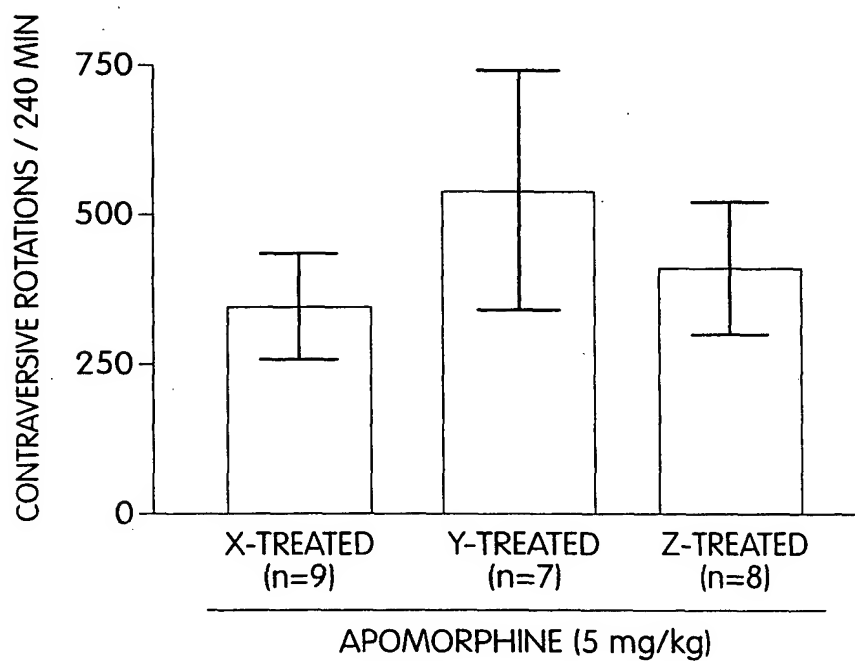


Fig. 14E-1



APOMORPHINE (5 mg/kg)

Fig. 14E-2

20/31

EXPERIMENT 5 - DAY 4 AMPHETAMINE
CHALLENGE

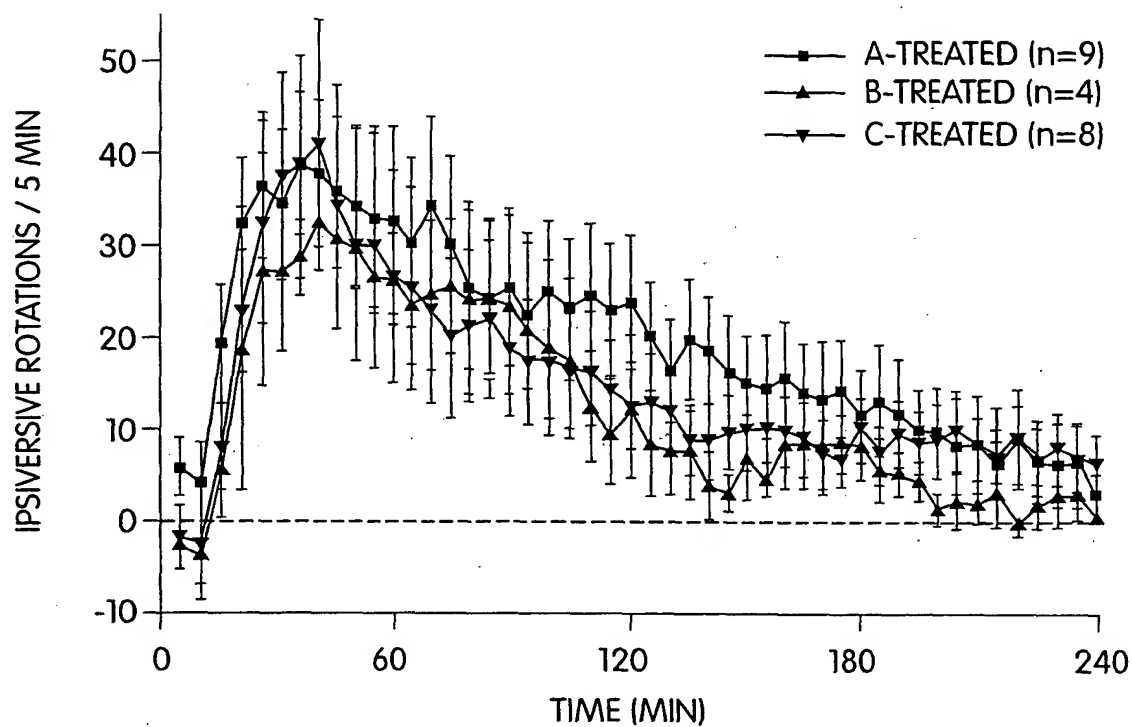


Fig. 15A-1

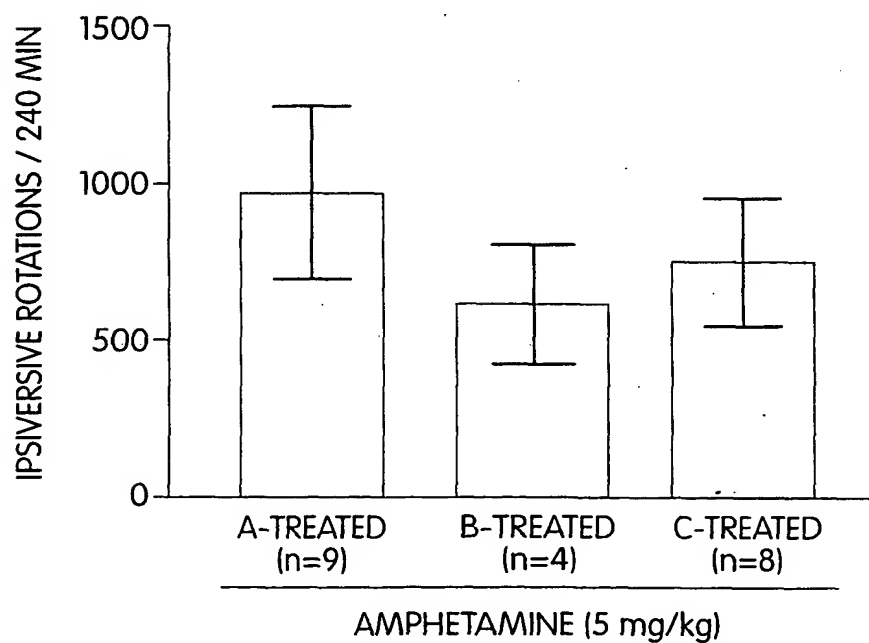


Fig. 15A-2

21/31

EXPERIMENT 5 - DAY 7 AMPHETAMINE
CHALLENGE

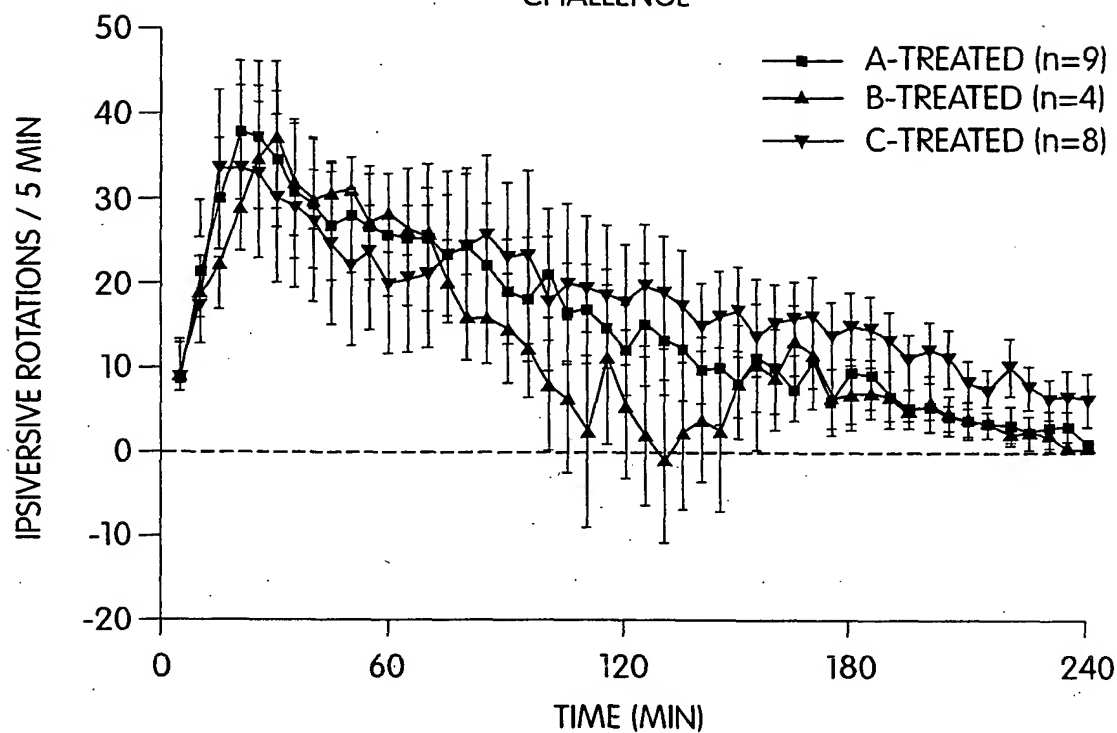


Fig. 15B-1

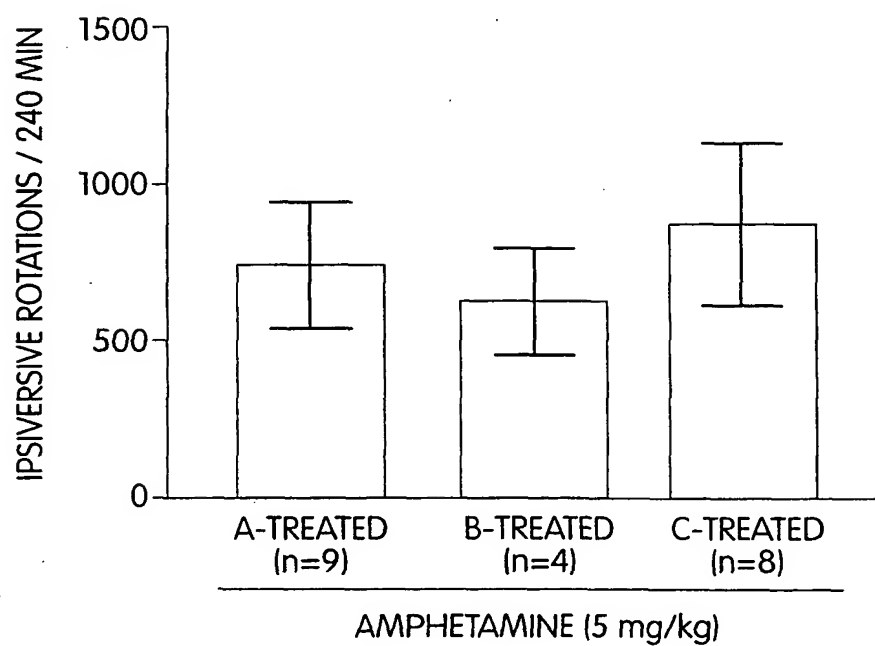


Fig. 15B-2

22/31

EXPERIMENT 5 - DAY 14 AMPHETAMINE
CHALLENGE

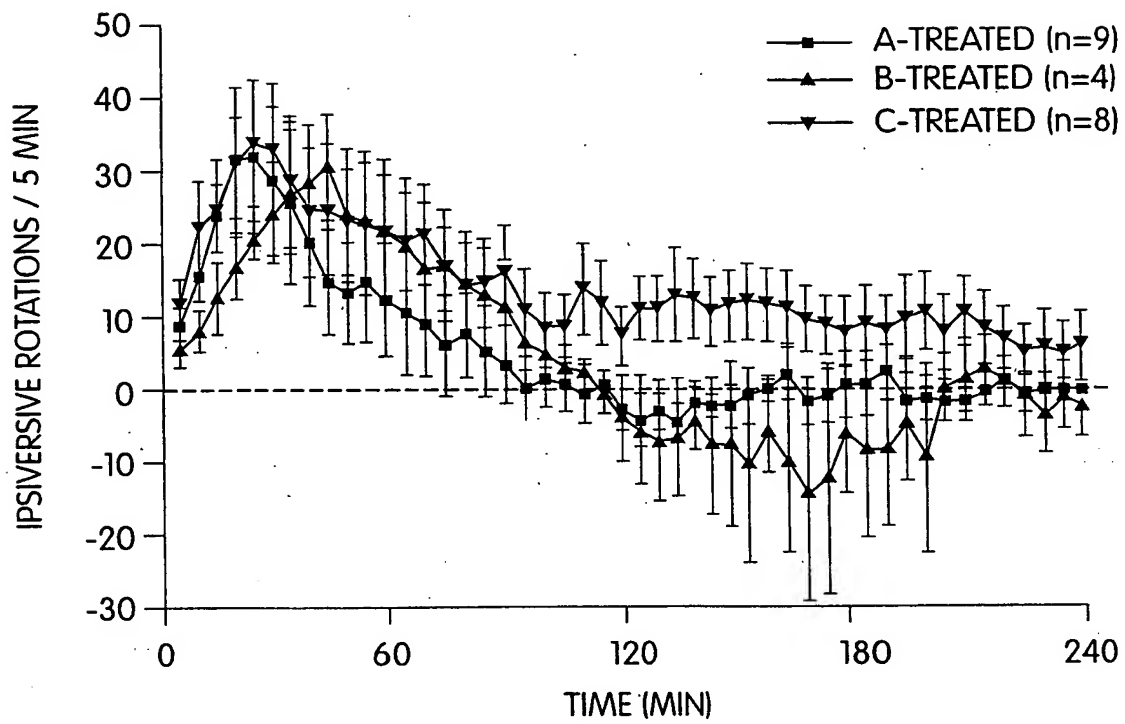


Fig. 15C-1

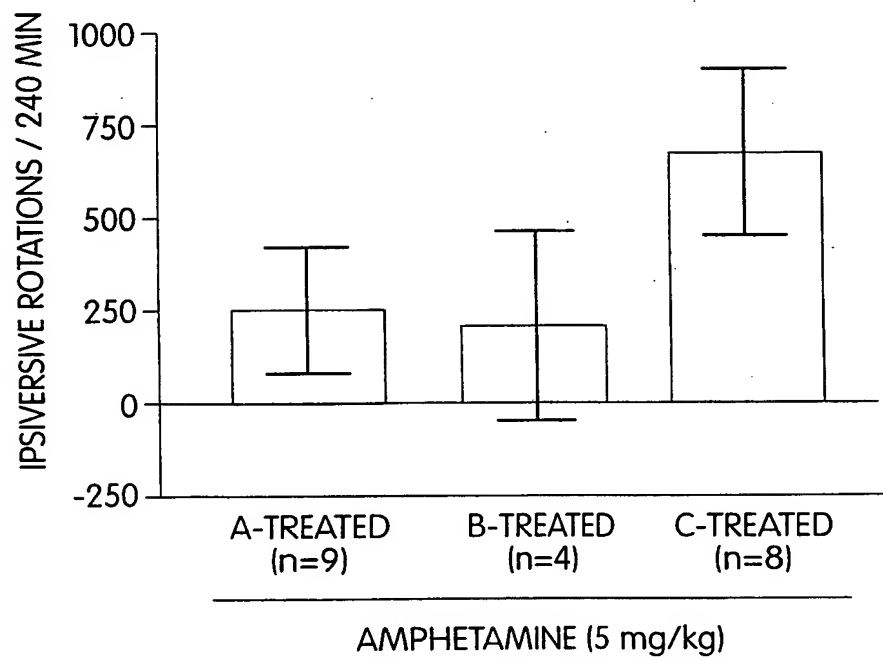


Fig. 15C-2

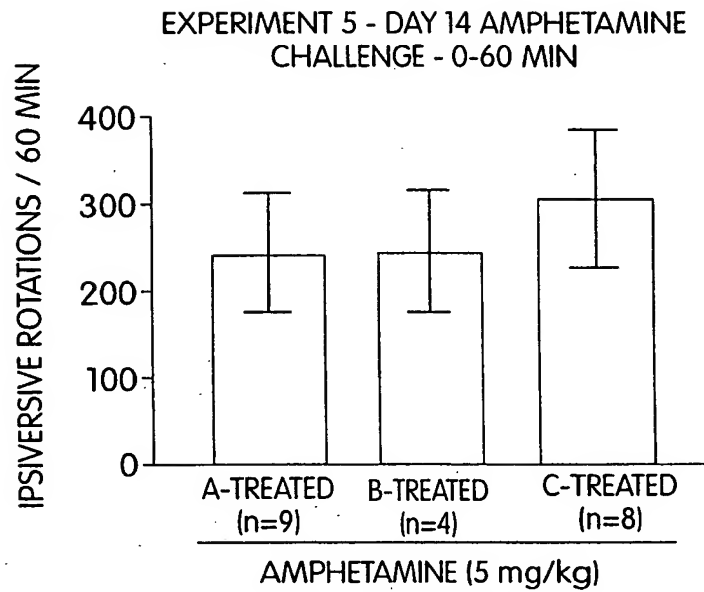


Fig. 15D-1

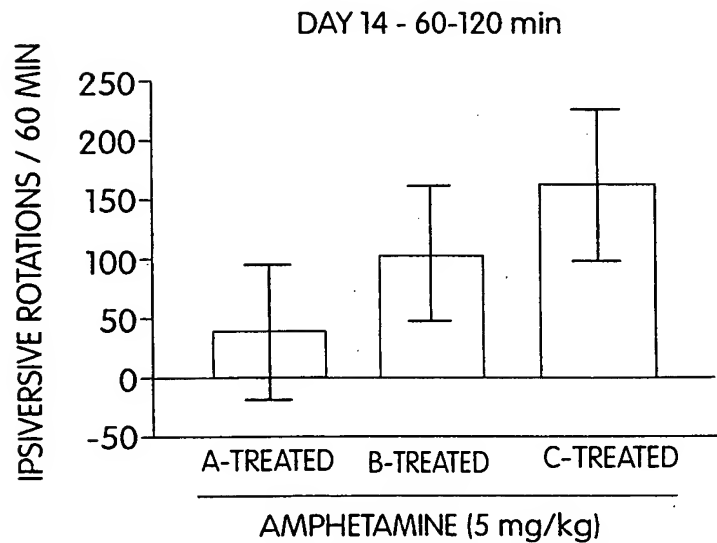


Fig. 15D-2

24/31

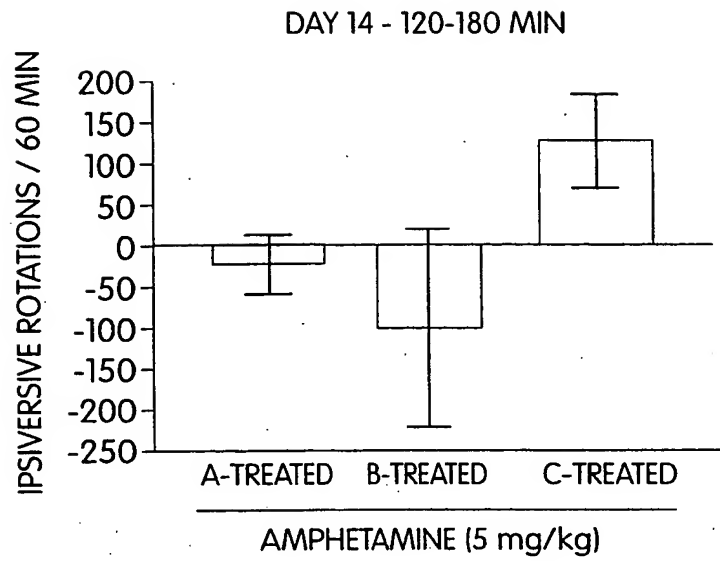


Fig. 15D-3

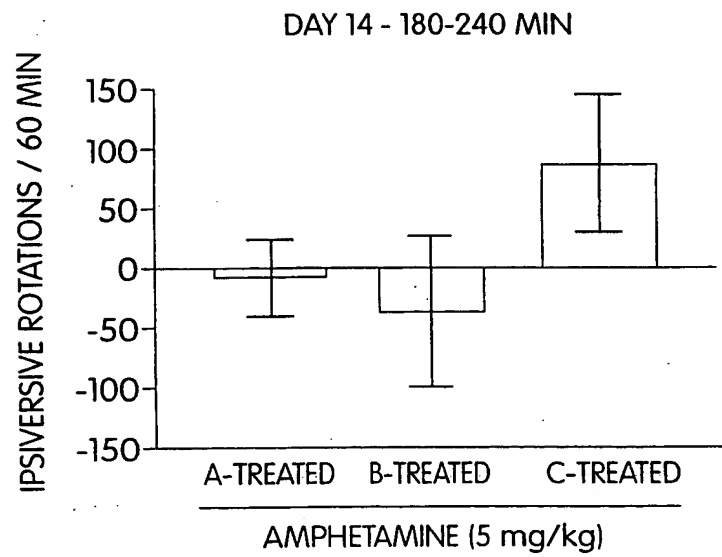


Fig. 15D-4

25/31

EXPERIMENT 5 - DAY 21 AMPHETAMINE
CHALLENGE

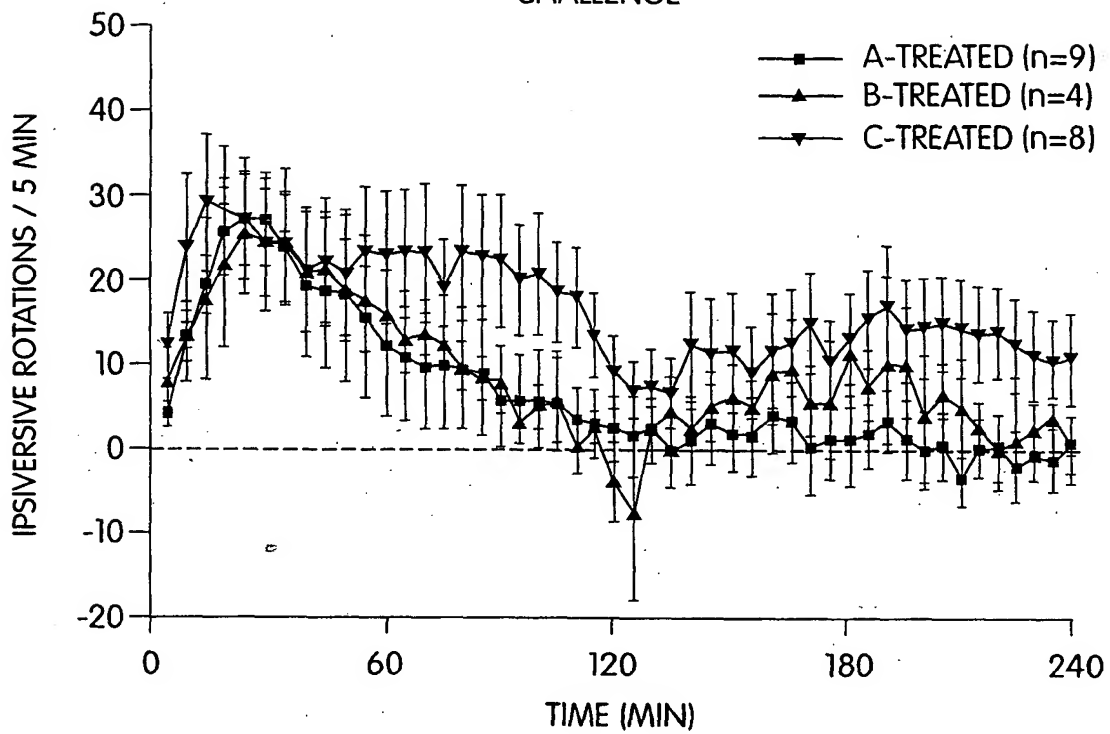


Fig. 15E-1

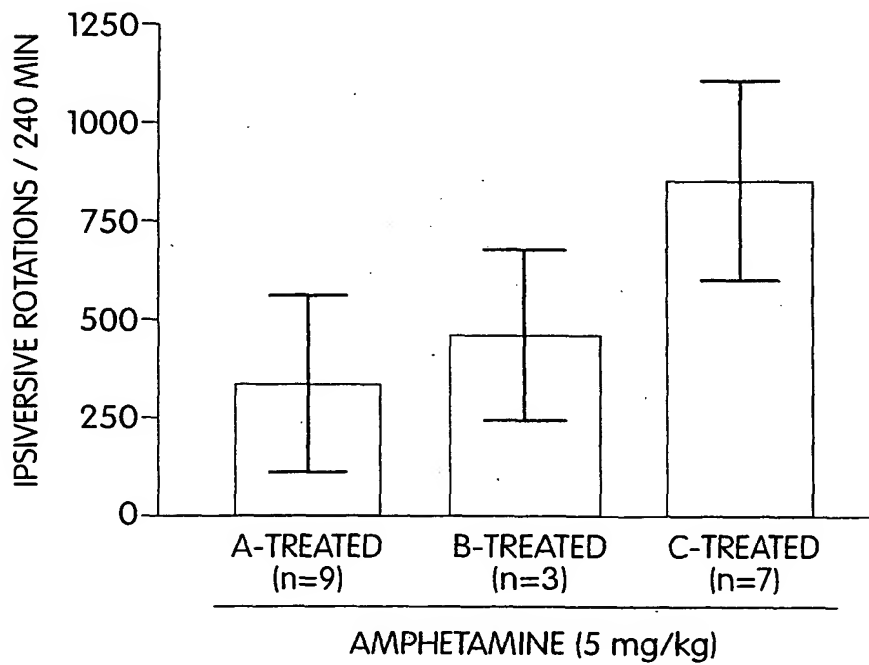


Fig. 15E-2

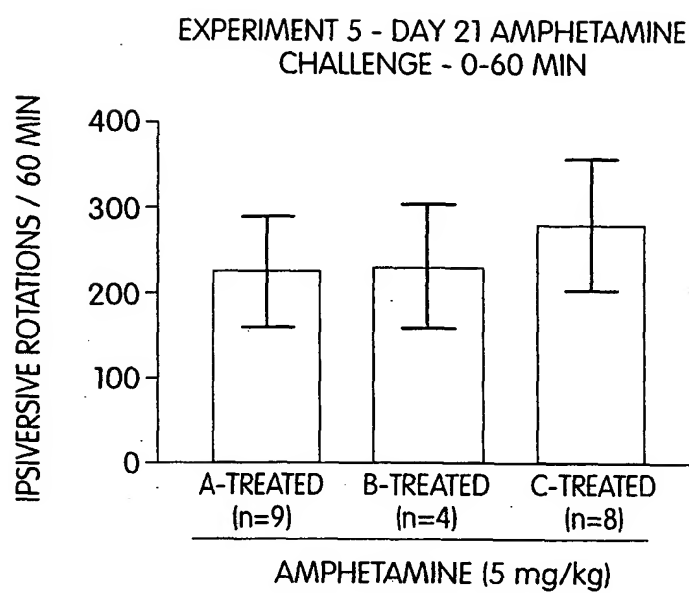


Fig. 15F-1

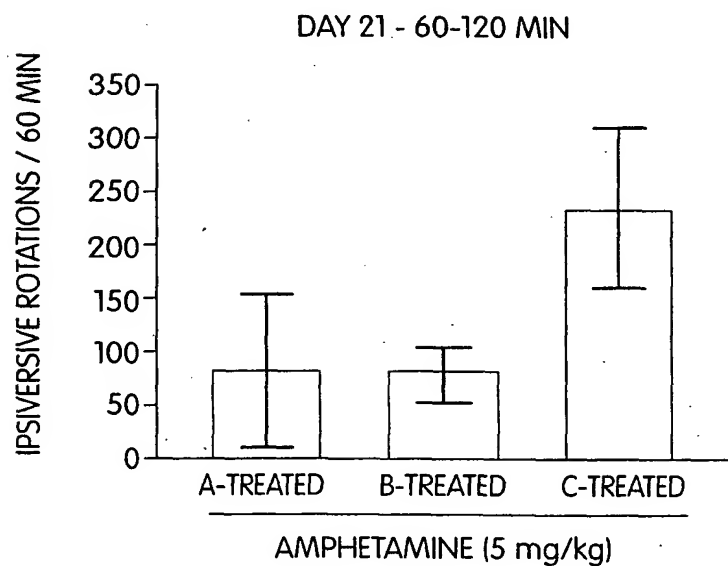


Fig. 15F-2

27/31

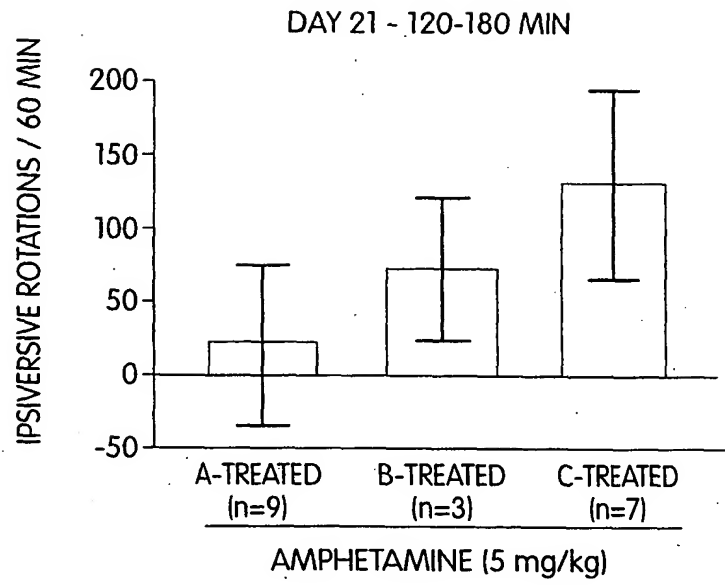


Fig. 15F-3

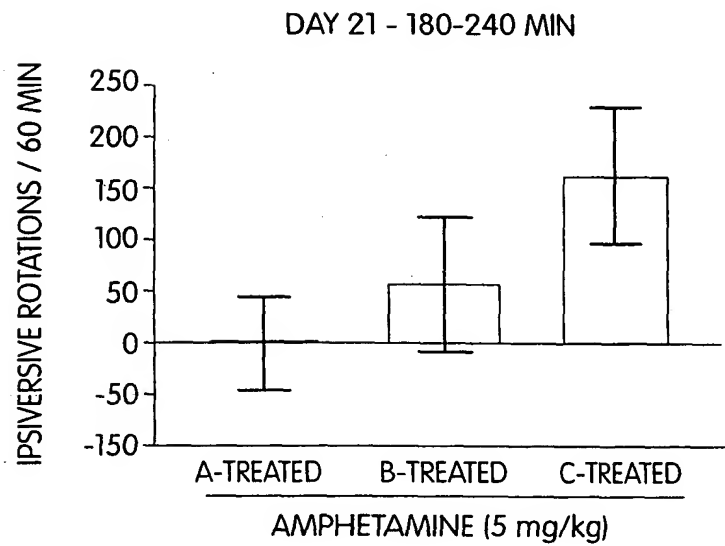


Fig. 15F-4

28/31

EXPERIMENT 5 - DAY 24 APOMORPHINE
CHALLENGE

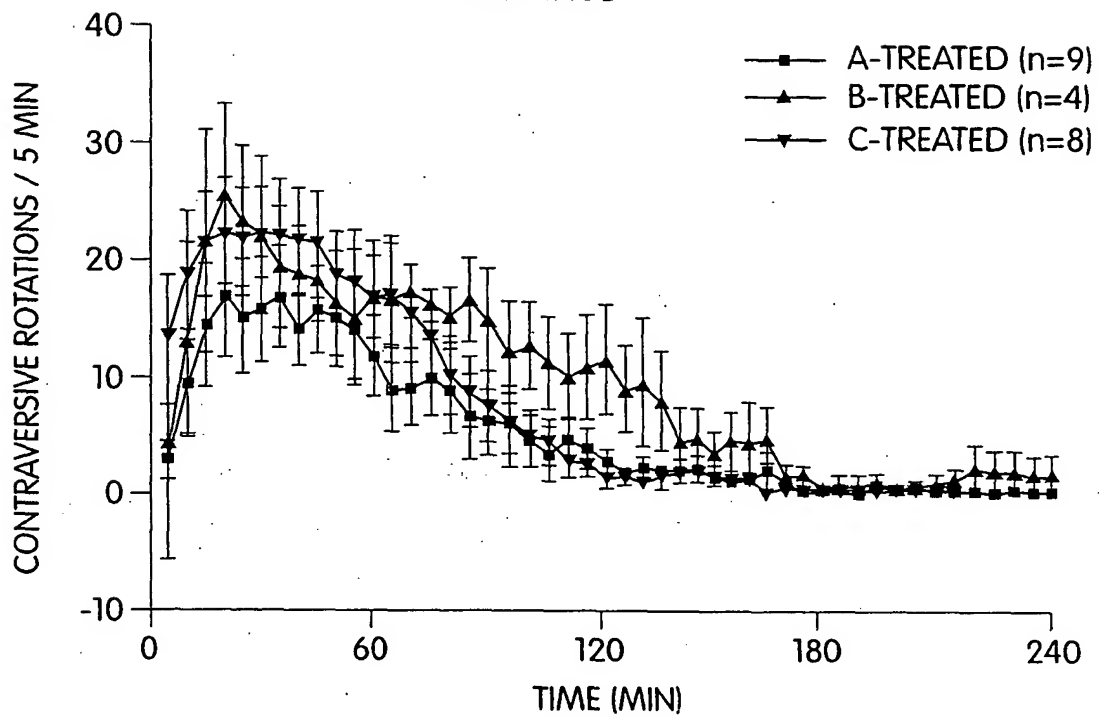


Fig. 15G-1

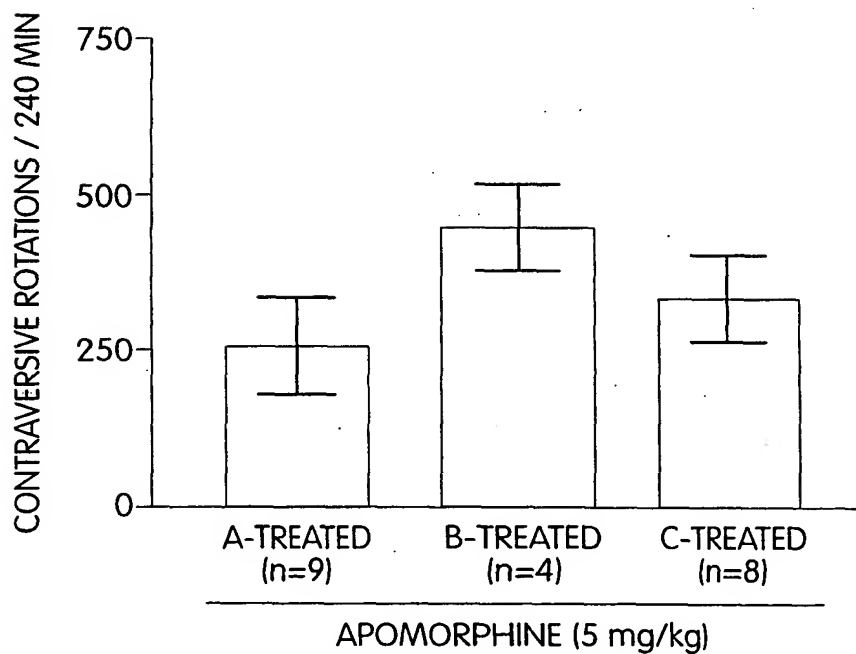


Fig. 15G-2

EXPERIMENT 5 - DAY 24 APOMORPHINE
CHALLENGE - 0-60 MIN

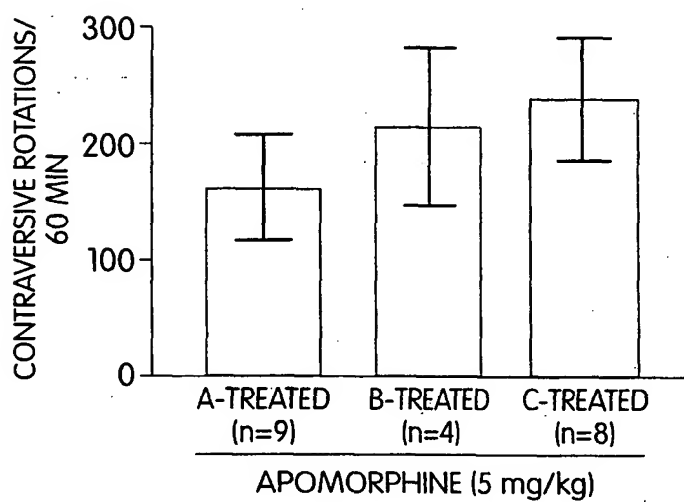


Fig. 15H-1

DAY 24 - 60-120 MIN

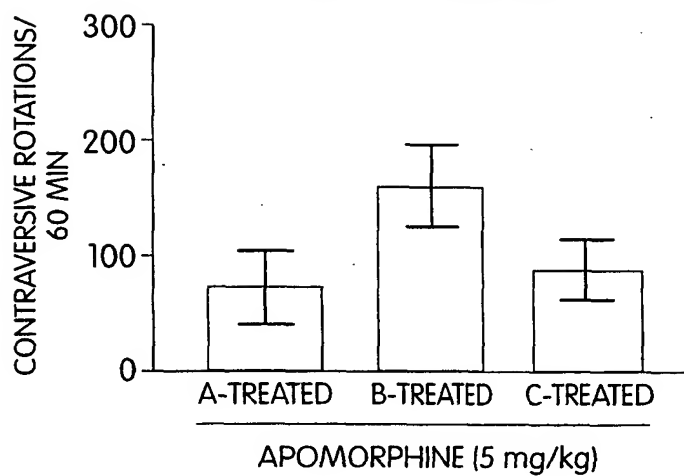


Fig. 15H-2

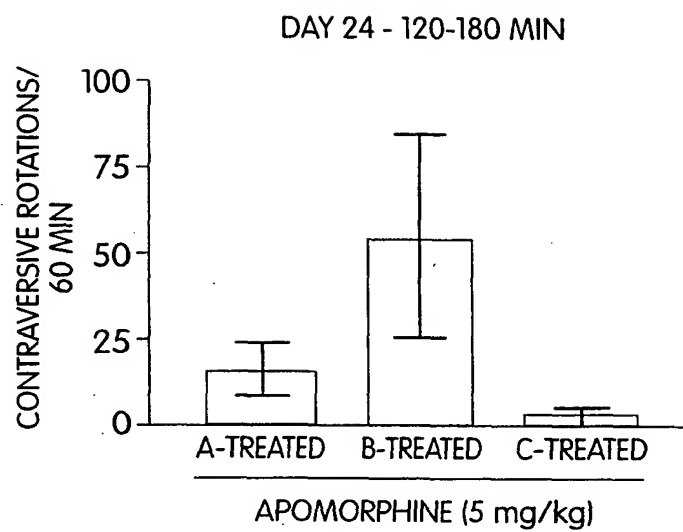


Fig. 15H-3

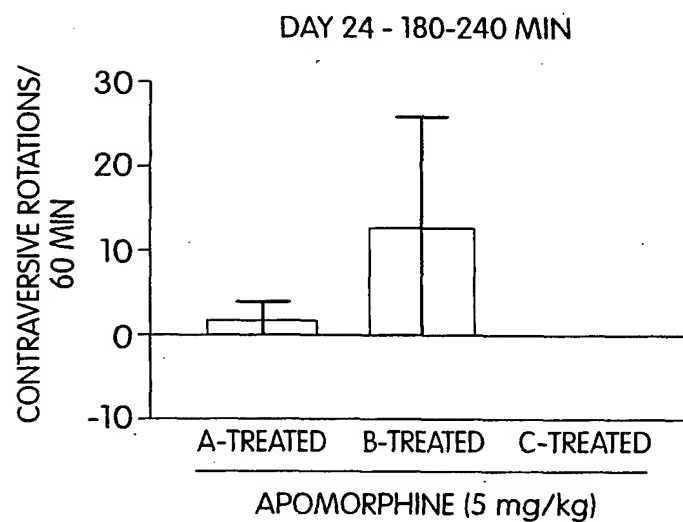


Fig. 15H-4

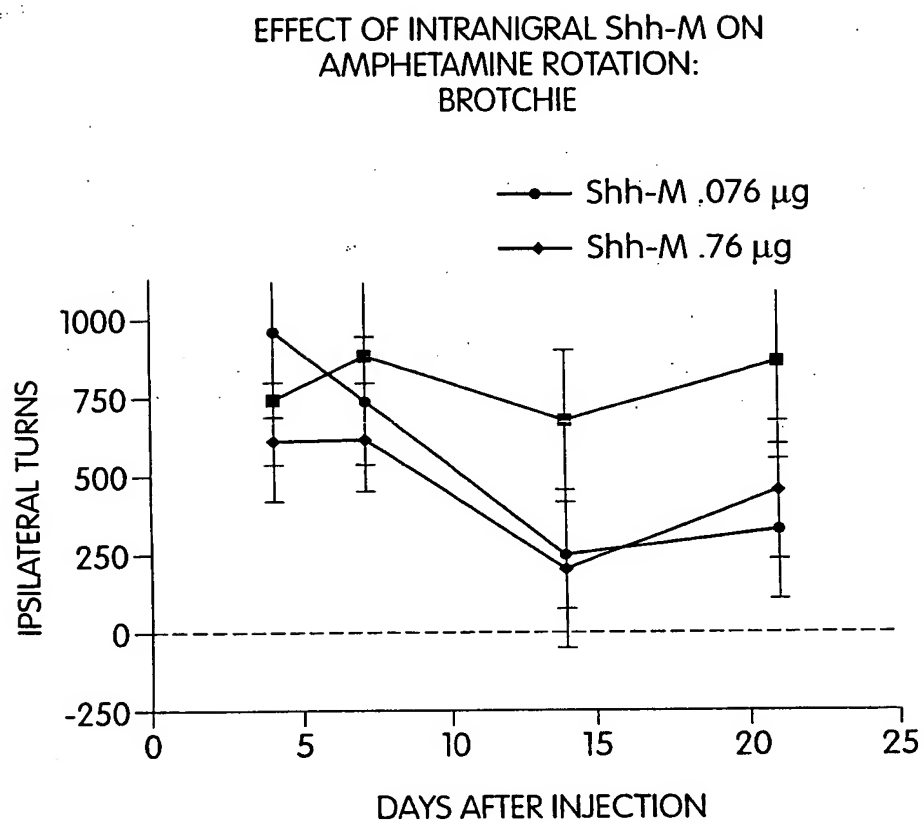


Fig. 16

DOSE RESPONSE FOR HEDGEHOG
PROTEIN CONSTRUCTS IN THE
MALONATE STRIATAL LESION MODEL

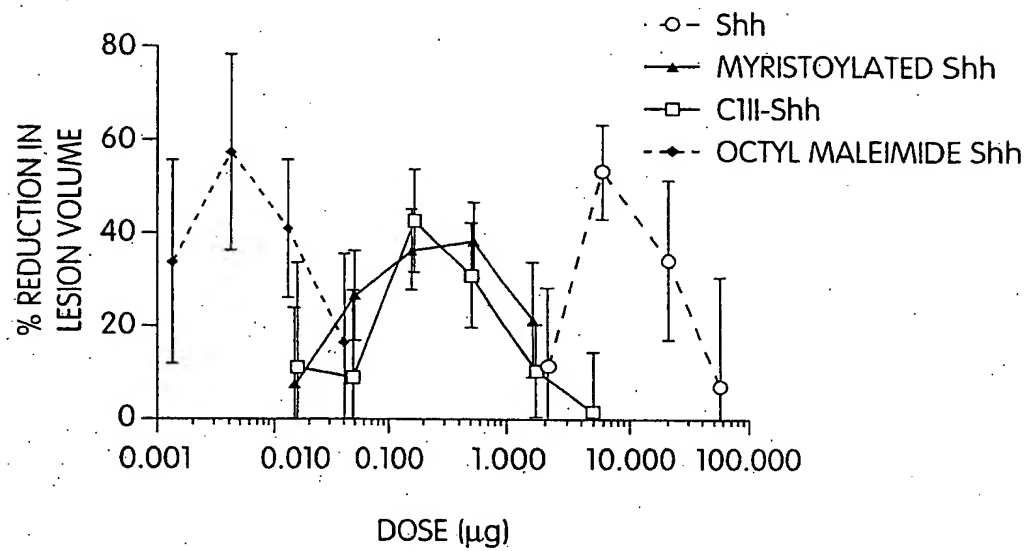


Fig. 17

EFFECT OF PRETREATMENT
WITH MYRISTOYLATED Shh IN
THE MALONATE STRIATAL
LESION MODEL

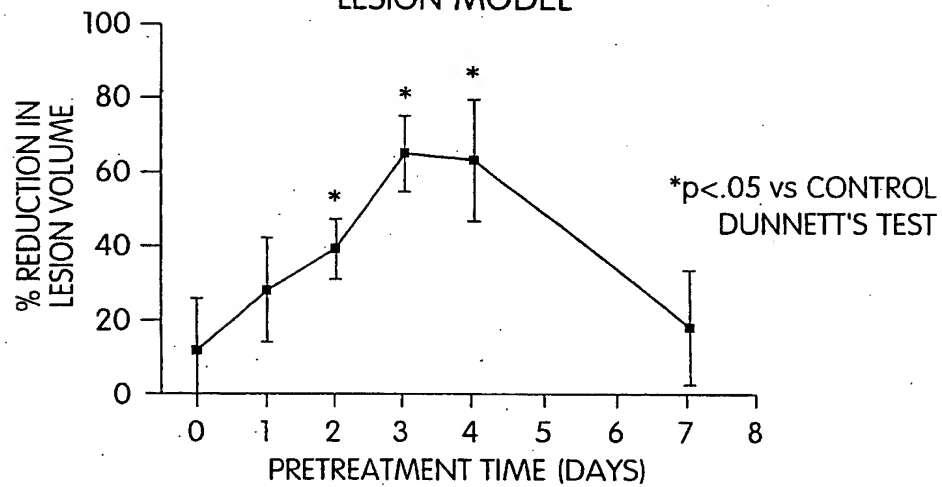


Fig. 18